

SYSTEM AND METHOD FOR REDUCING AUDITORY PERCEPTION OF NOISE AS- SOCIATED WITH A MEDICAL IMAGING PROCESS

Abstract

A system and method for acoustic noise reduction/cancellation is disclosed that includes a medical imaging scanner configured to scan an imaging subject within an imaging area that emits system noise when in operation. An ultrasonic emitter system is included that is constructed to emit an inaudible signal having properties to reduce perception of the system noise about at least a portion of the imaging area.